



Weather & Water



What is requested? NOAA's Weather and Water Goal requests \$904.1 million in FY 2007, reflecting a net increase of +\$46.1M over the FY 2007 base level. This increase will enable critical activities to directly support a safer, healthier, and economically stronger America through reliable, timely, and accurate weather and water information.

What are the benefits? NOAA's weather and water services make a tremendous contribution to the Nation's health and economic vitality. For instance, weather warnings protect the public from extreme environmental events while forecasts are essential to weather- and climate-sensitive industries, which account for one-third of the Nation's GDP. As an example of the benefits, during a typical hurricane season NOAA's efforts save the Nation \$3B. Annually, drought costs the Nation \$6-8B, and floods cost \$5B and cause more than 80 deaths. The U.S. can reap a 12 to 1 return annually for every dollar invested in better water resource forecasting.

Why do we need it? Trends such as just-in-time production, globalization, and increased travel amplify the impact weather and water information and services have on the economy. Substantial population and business growth in coastal and arid regions increases the sensitivity to weather and water conditions, as well. This interdependence means weather and water events in one geographic area can have national economic impact.

What will we do? NOAA will continue to provide critical services to the Nation. This includes observing conditions, conducting applied research, making predictions, and disseminating forecasts, warnings and information. \$16.5M in FY 2007 funding increases for existing programs are needed to strengthen NOAA's ability to sustain those critical services and to provide crucial enhanced services. Warning improvements include \$12.4M to operate NOAA's tsunami detection and warning capabilities and expand its scope from the Pacific to the Atlantic and Caribbean. NOAA will use \$3.5M of the funding to prepare for the frequency change of NOAA wind profilers. Observing enhancements include \$1.4M to operate and maintain data buoys which are critical to monitoring and predicting hurricanes in the Caribbean, Gulf of Mexico, and the Atlantic Ocean. NOAA will use \$2.5M to provide critical infrastructure protection for the NWS Telecommunications Gateway (NWSTG), thus ensuring uninterrupted delivery of meteorological data critical for the protection of life and property, and the economic well being of the Nation.



NOAA Tsunami Buoy Expansion

Weather & Water FY 2007 Budget Request (\$ in Millions)			
	FY07 Base	Program Change	Request
ORF	\$ 772.1	\$ 50.1	\$ 822.2
PAC	\$ 85.9	- \$ 4.0	\$ 81.9
Other	\$ 0.0	\$ 0.0	\$ 0.0
TOTAL	\$ 858.0	\$ 46.1	\$ 904.1

For more information, contact the NOAA Budget Office:
(202) 482-4600 – or – AskNOAABudget@noaa.gov